



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday December 28, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Winter weather with minor travel impacts for N-Central NM into the Panhandles & NW OK today and tomorrow.**
- **Winter weather with travel impacts possible over OK, N/Cntrl/W TX, & N AR Wednesday into Thursday.**
- **Heavy rain/flooding over AR, E TX, SE OK, NW LA Wed/Thurs.**
- **Isolated severe storms over W-Central TX Tuesday & S-Central TX on Wednesday. Severe storm chances increase on Thursday over S-Central & SE LA.**

FEMA Region 6 Threat Matrix

Dec 28, 2020 - Jan 1, 2021



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms		W-Central TX	S-Central TX	S-Central & SE LA	
Heavy Rain / Flash Flooding			AR, E TX, SE OK, NW LA	AR, E TX, SE OK, NW LA	
Fire Weather					
Winter Weather	N NM, Panhandles, NW OK	N NM, Panhandles, NW OK	OK, N/Cntrl/W TX, N AR	OK, N/Cntrl/W TX, N AR	
River Flooding	SW LA, SE TX	SW LA, SE TX	SW LA	W LA, E TX, AR	W LA, E TX, AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

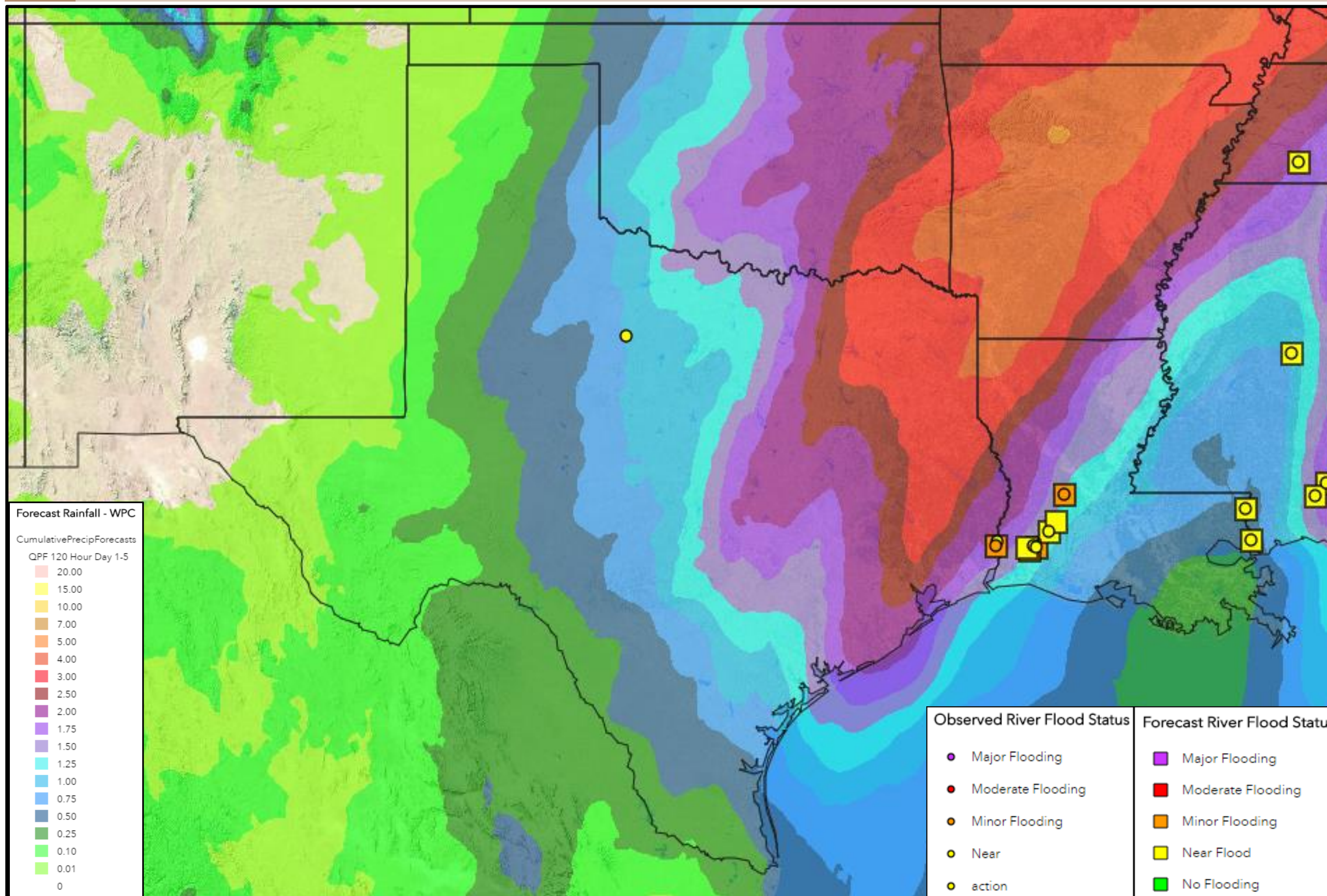
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



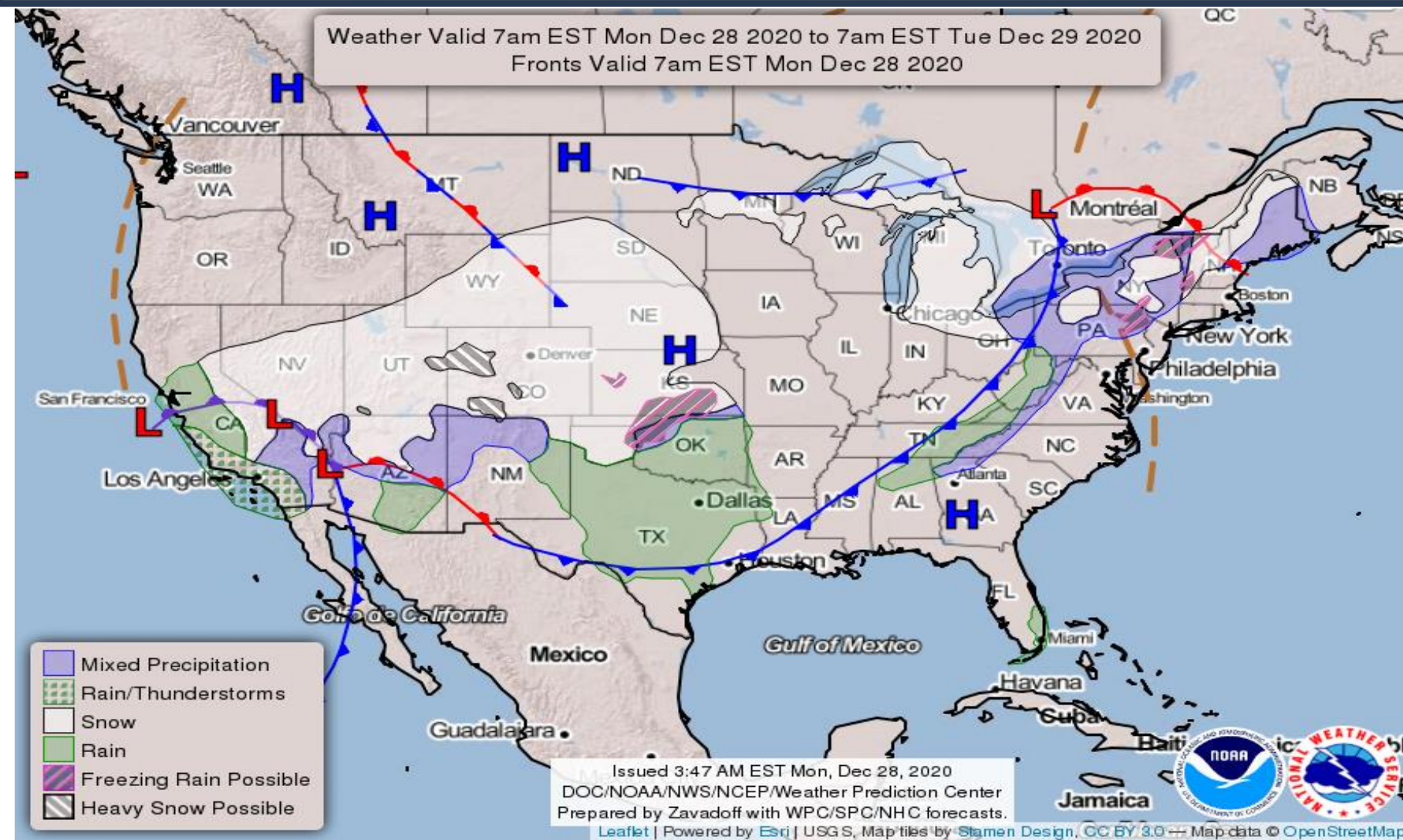
Minor river flooding continues on the Calcasieu River in SW LA for most of this week; some flooding of roads and forested areas near the river.

The Sabine River at Deweyville (TX) is expected to fall below minor flood stage late Tuesday.

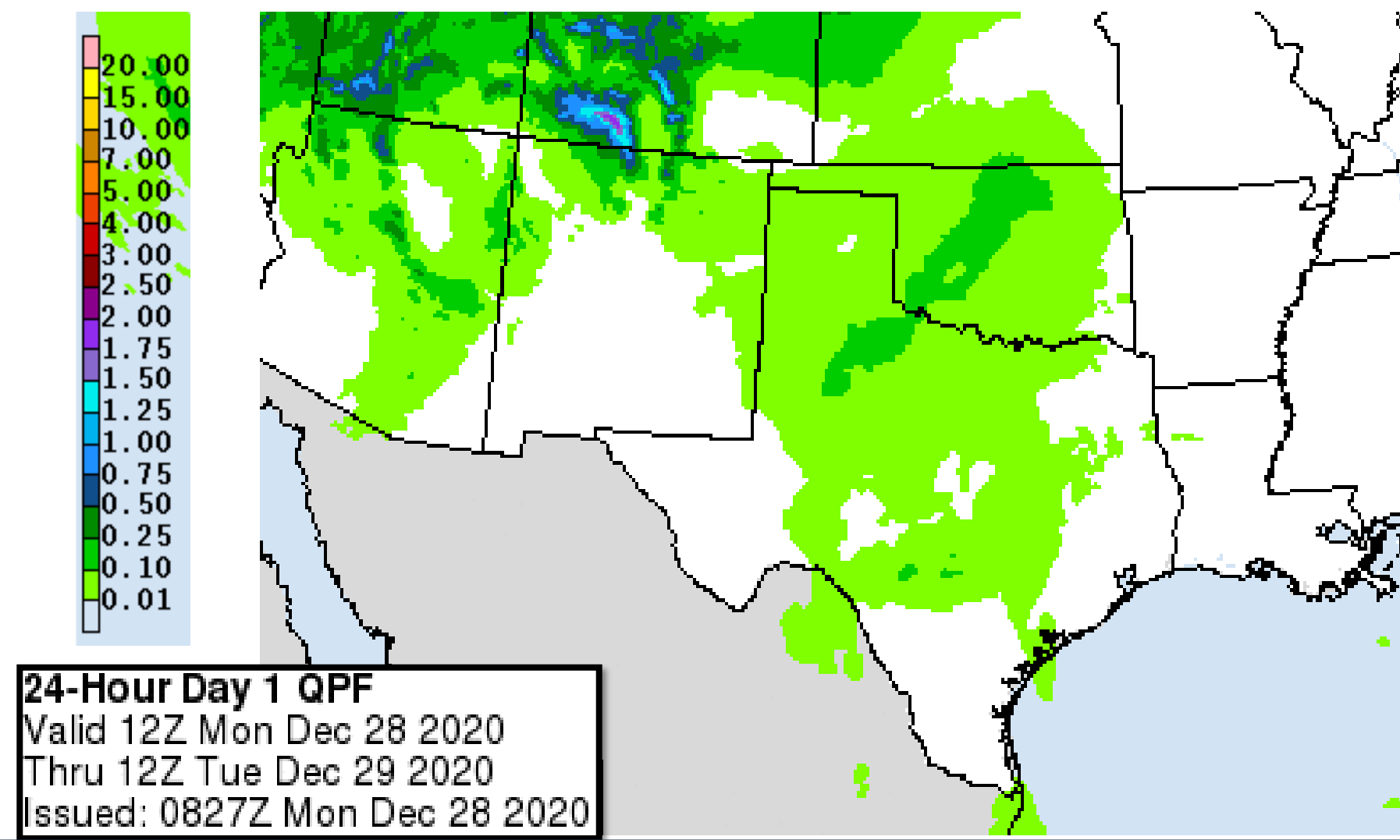
Rainfall Wednesday/Thursday over eastern portions of the Region may cause some additional (mostly minor) rises on rivers.

Today's Weather

Forecast Chart



Forecast Rainfall

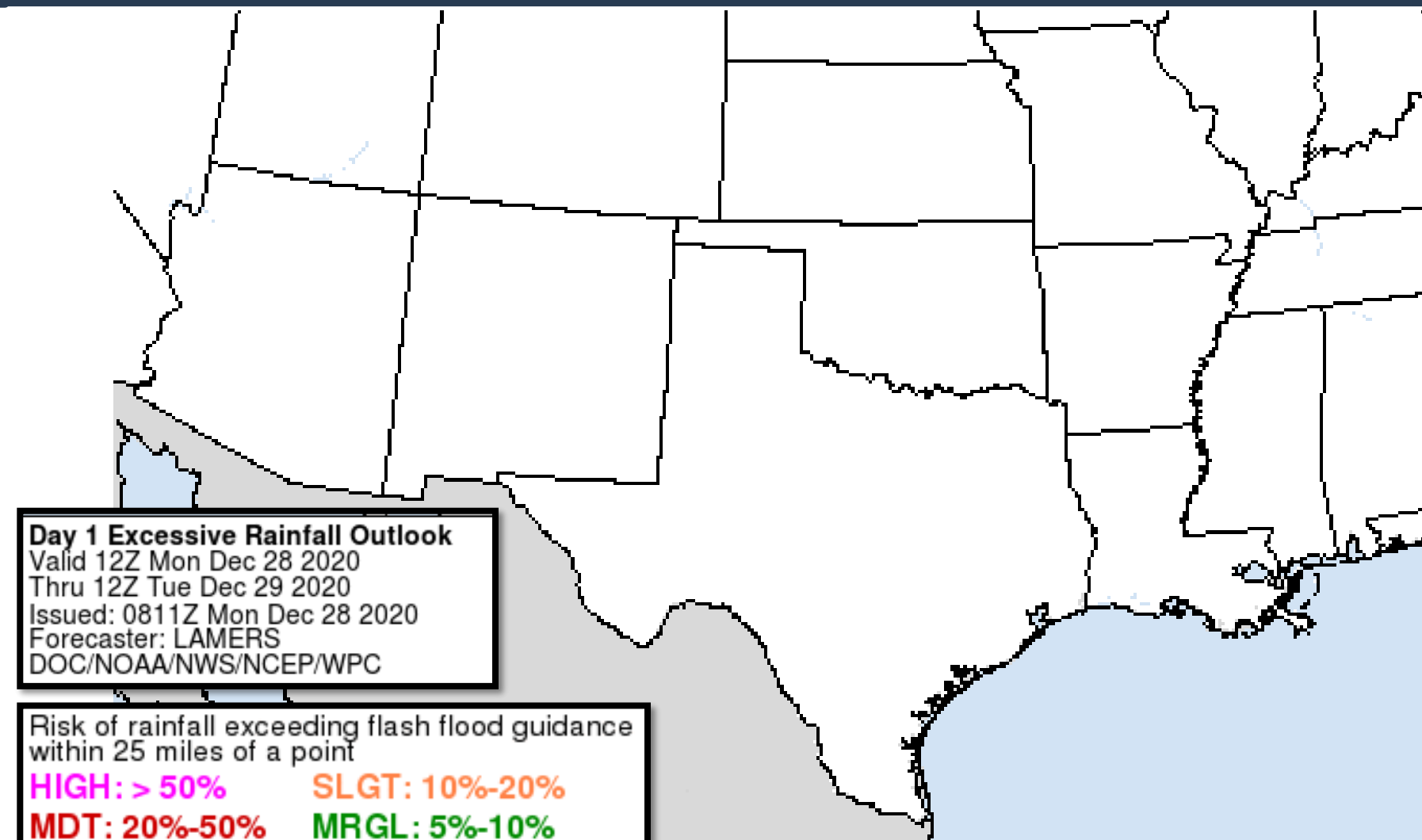


**Snow continues over
N-Central NM. Light wintry
mix of precipitation possible
tonight from the Panhandles
into NW OK.
Minor travel impacts.**

Severe Weather Outlook



Excessive Rainfall Outlook

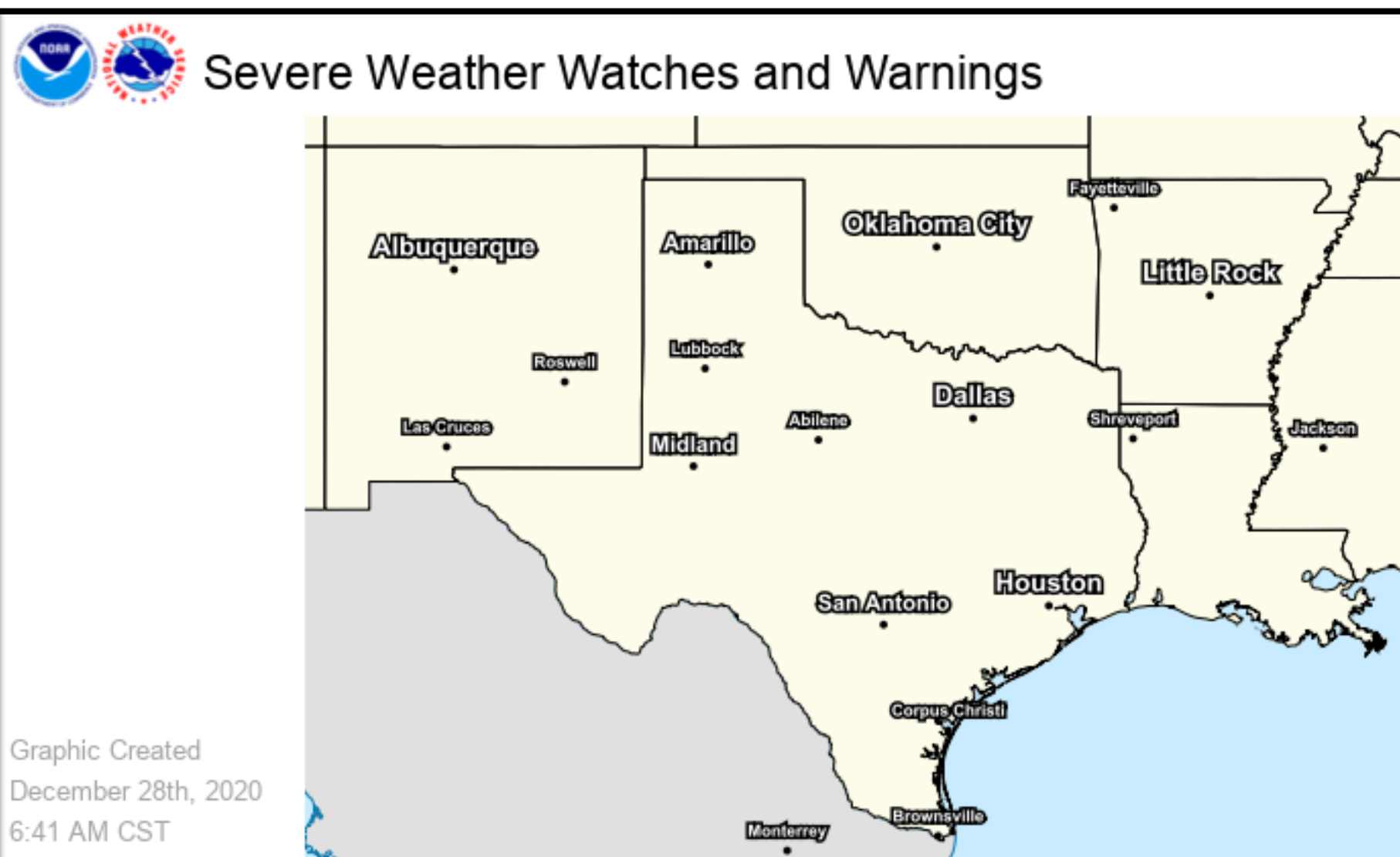


Watches, Warnings, and Advisories

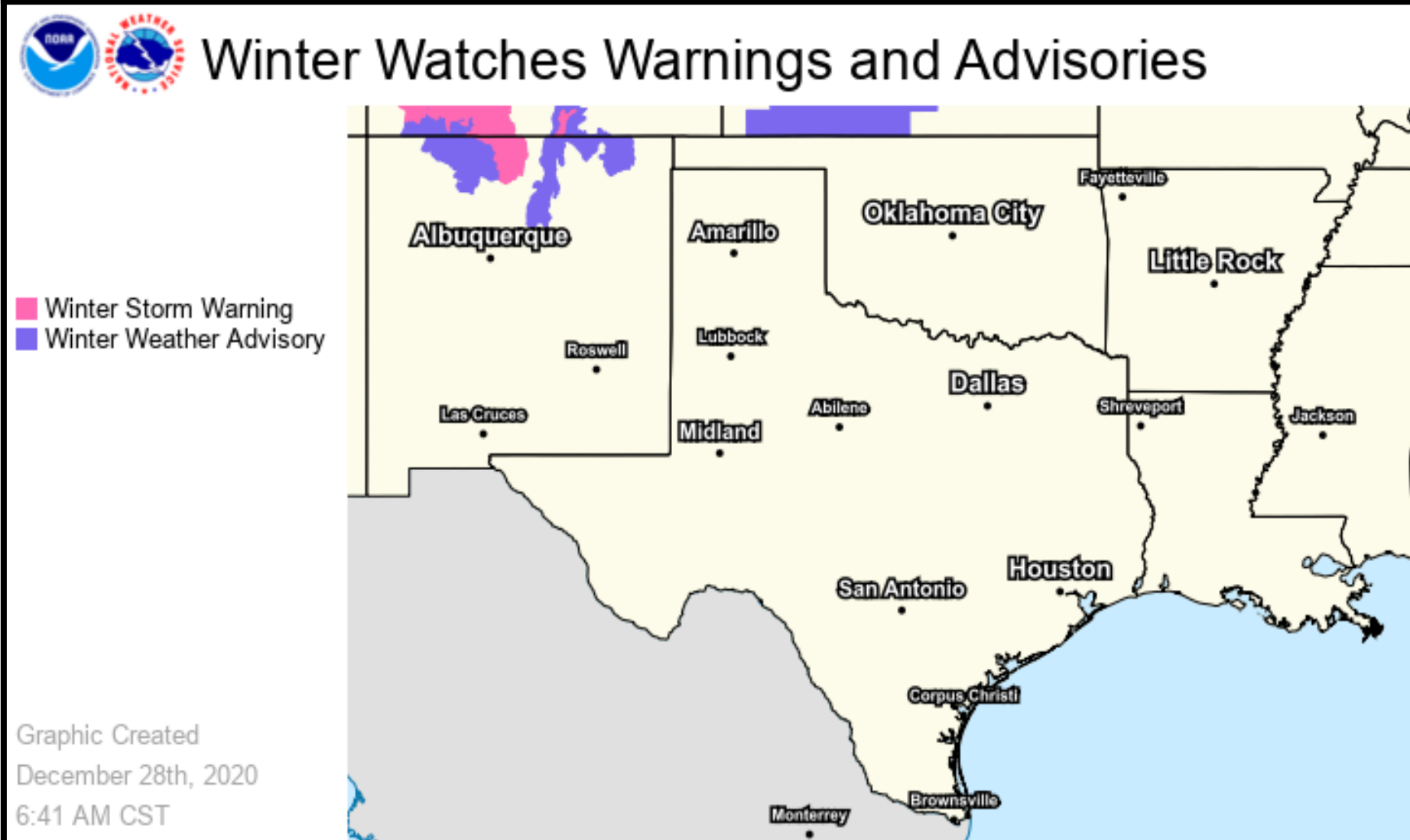
Wind, Severe, Winter, and Flood Hazards



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Winter Weather Advisories in effect for extreme N-Central NM with snow expected in the higher terrain.

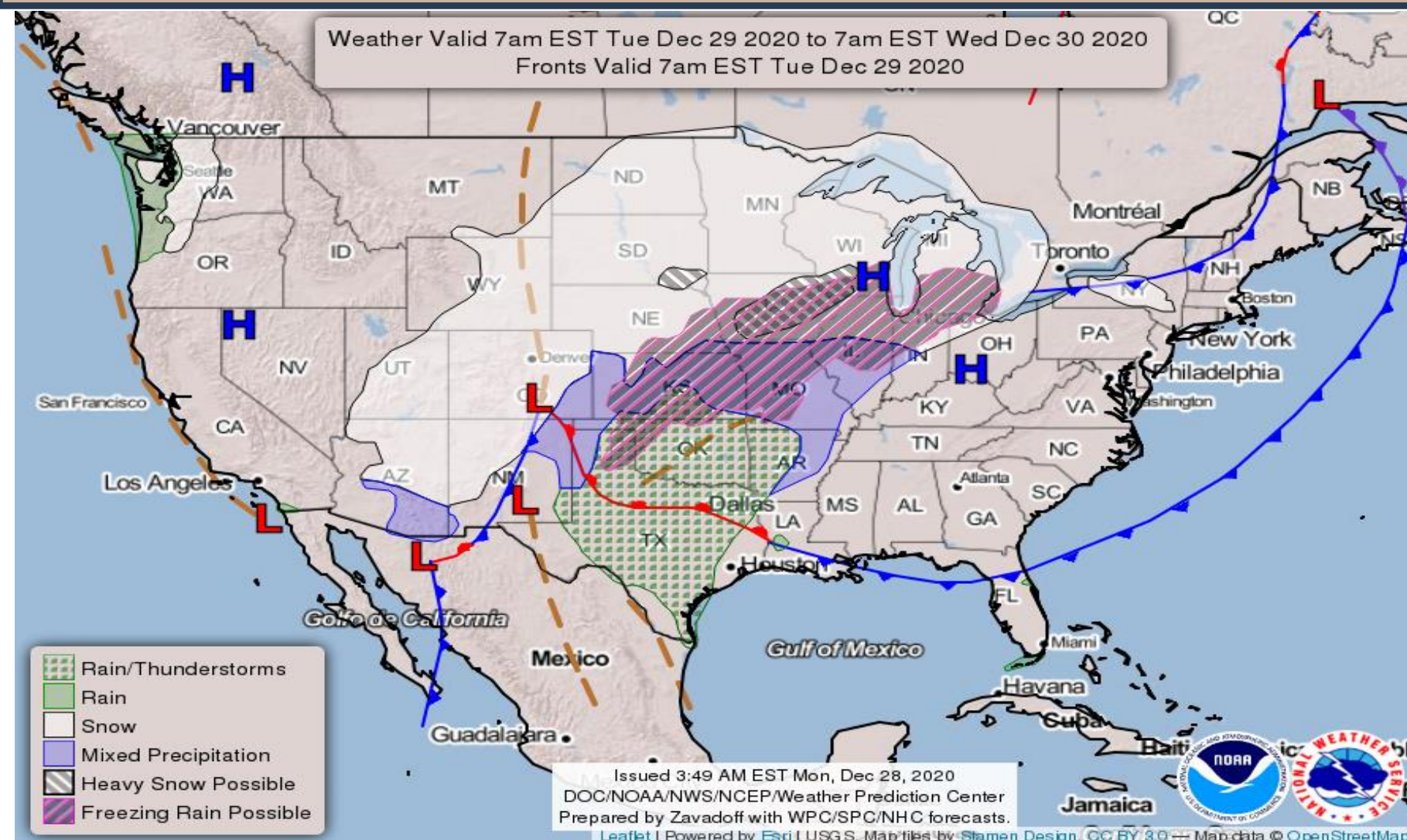


Tomorrow's Weather

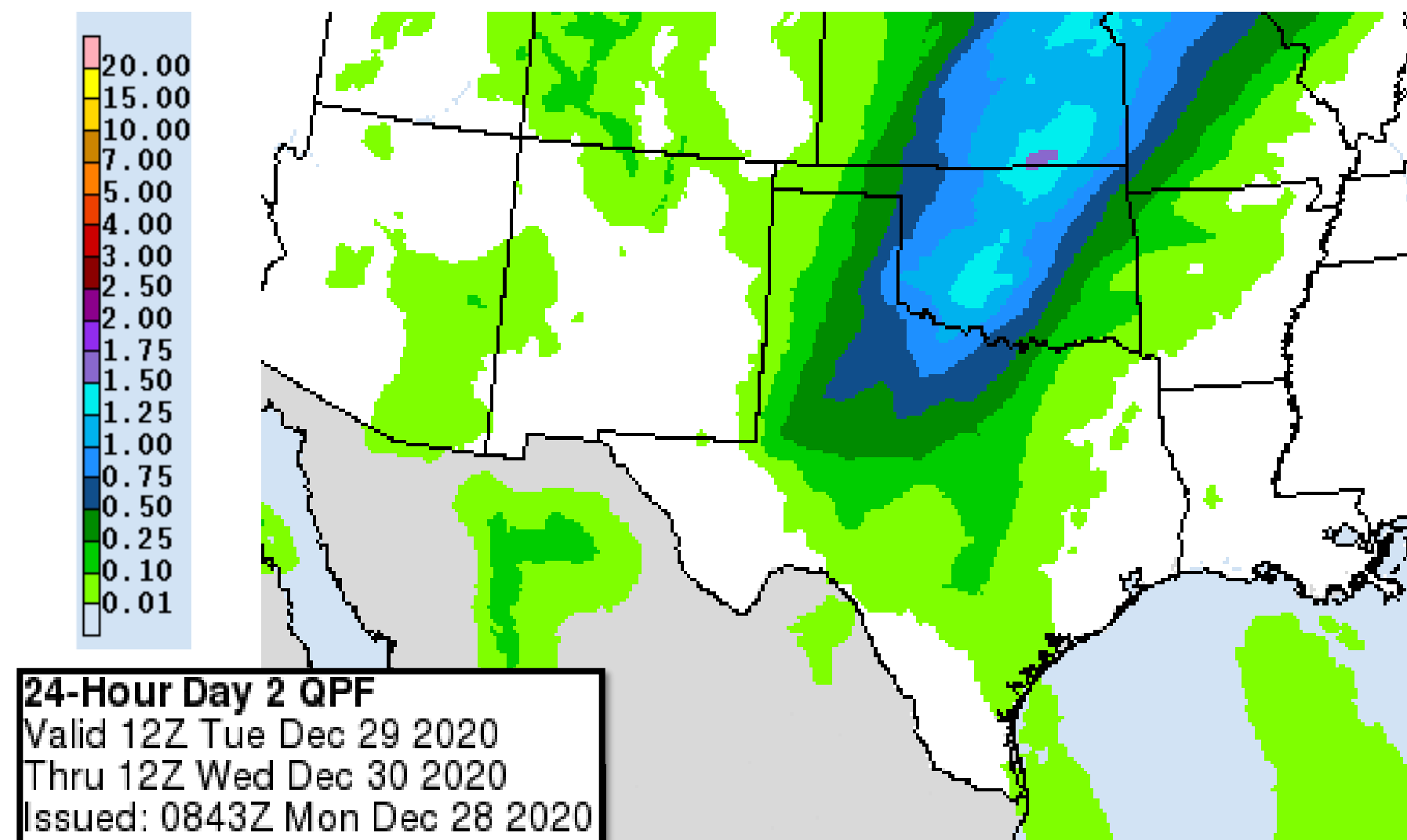


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Forecast Chart



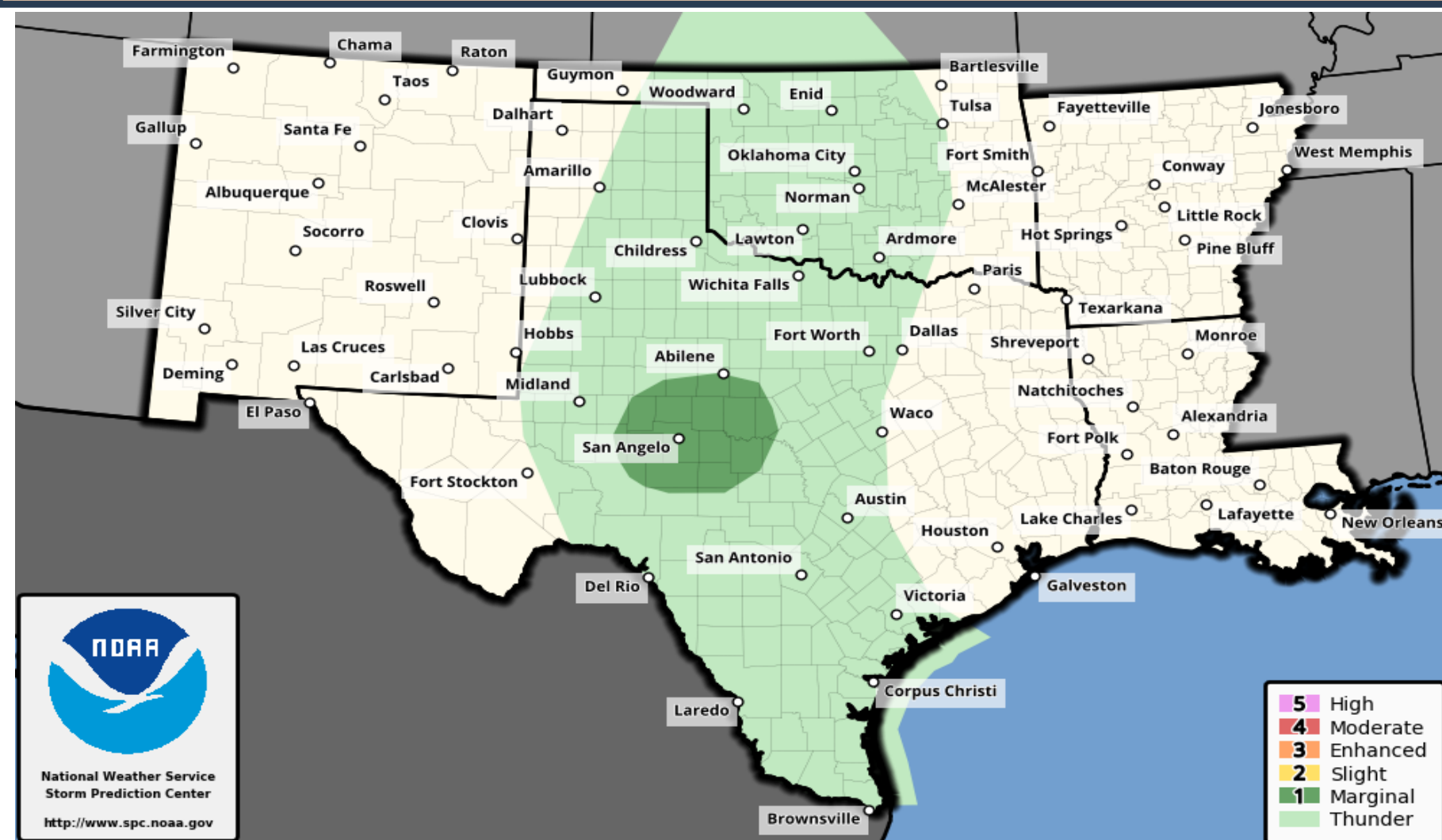
Forecast Rainfall



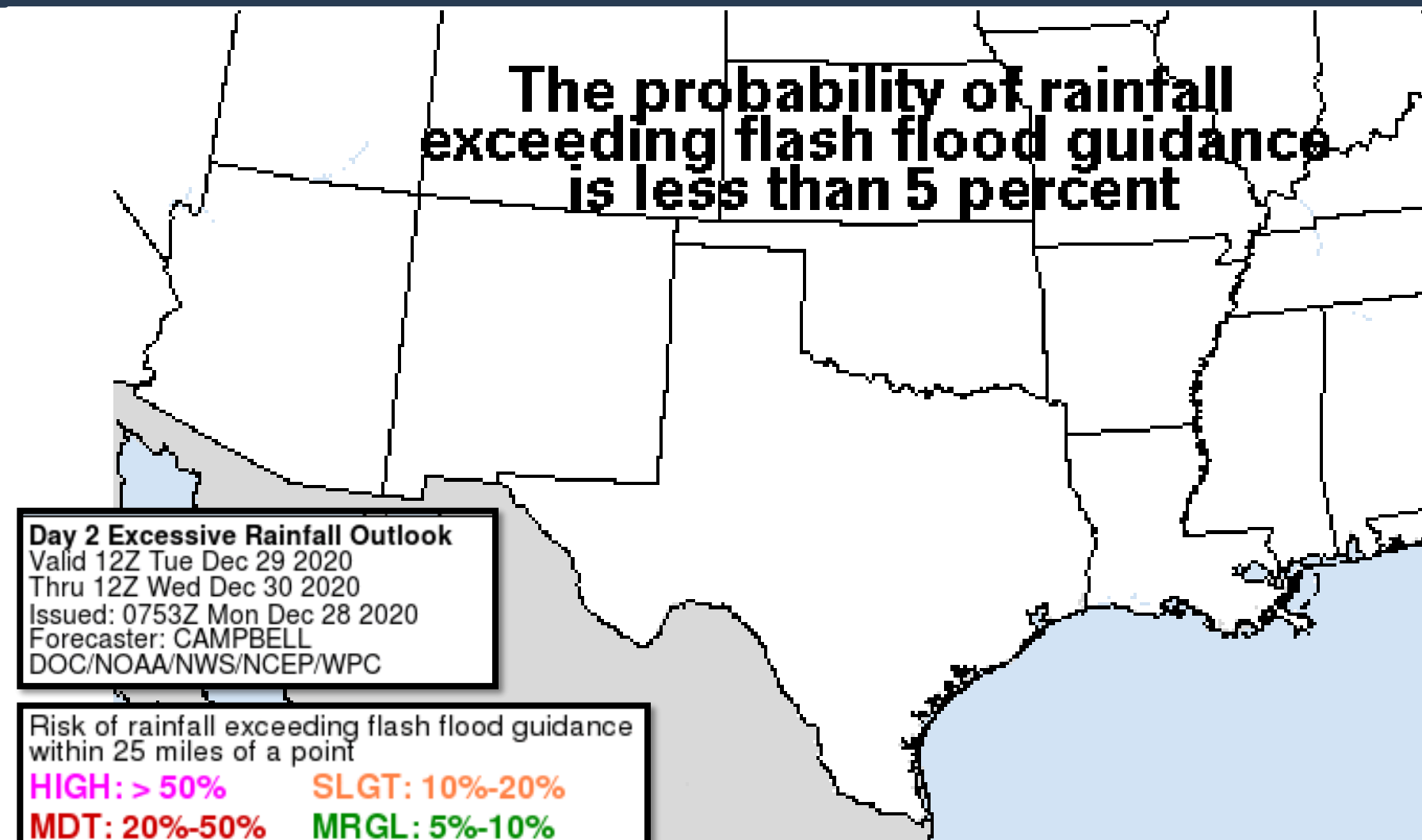
Snow continues in N-Central NM. Light wintry mix of precipitation possible into Tuesday morning from the Panhandles into NW OK with another chance of wintry weather over these areas Tuesday night. Minor travel impacts.

Marginal risk of severe storms in W-Central TX Tuesday evening into Tuesday night; hail and a few strong wind gusts are the primary threats.

Severe Weather Outlook

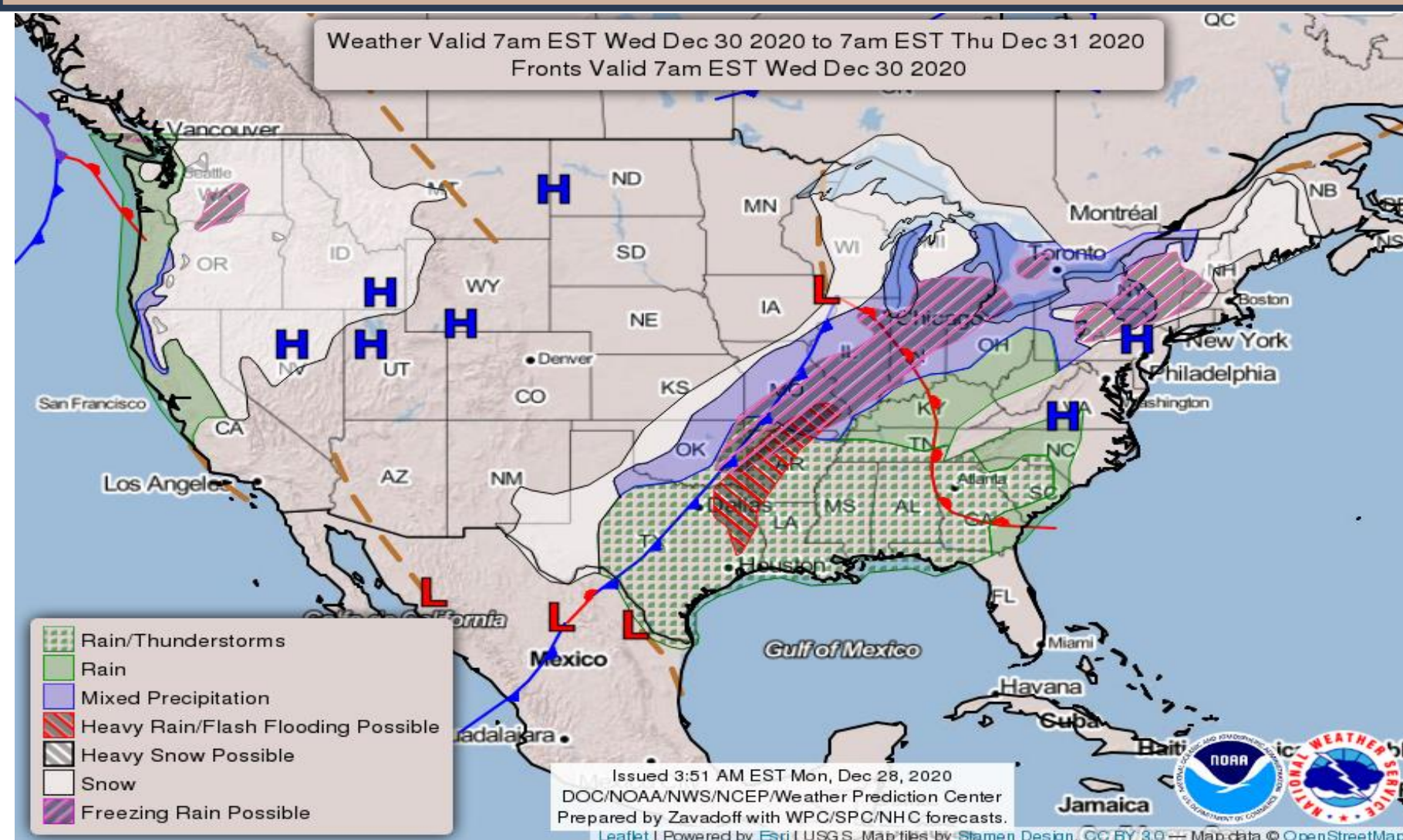


Excessive Rainfall Outlook

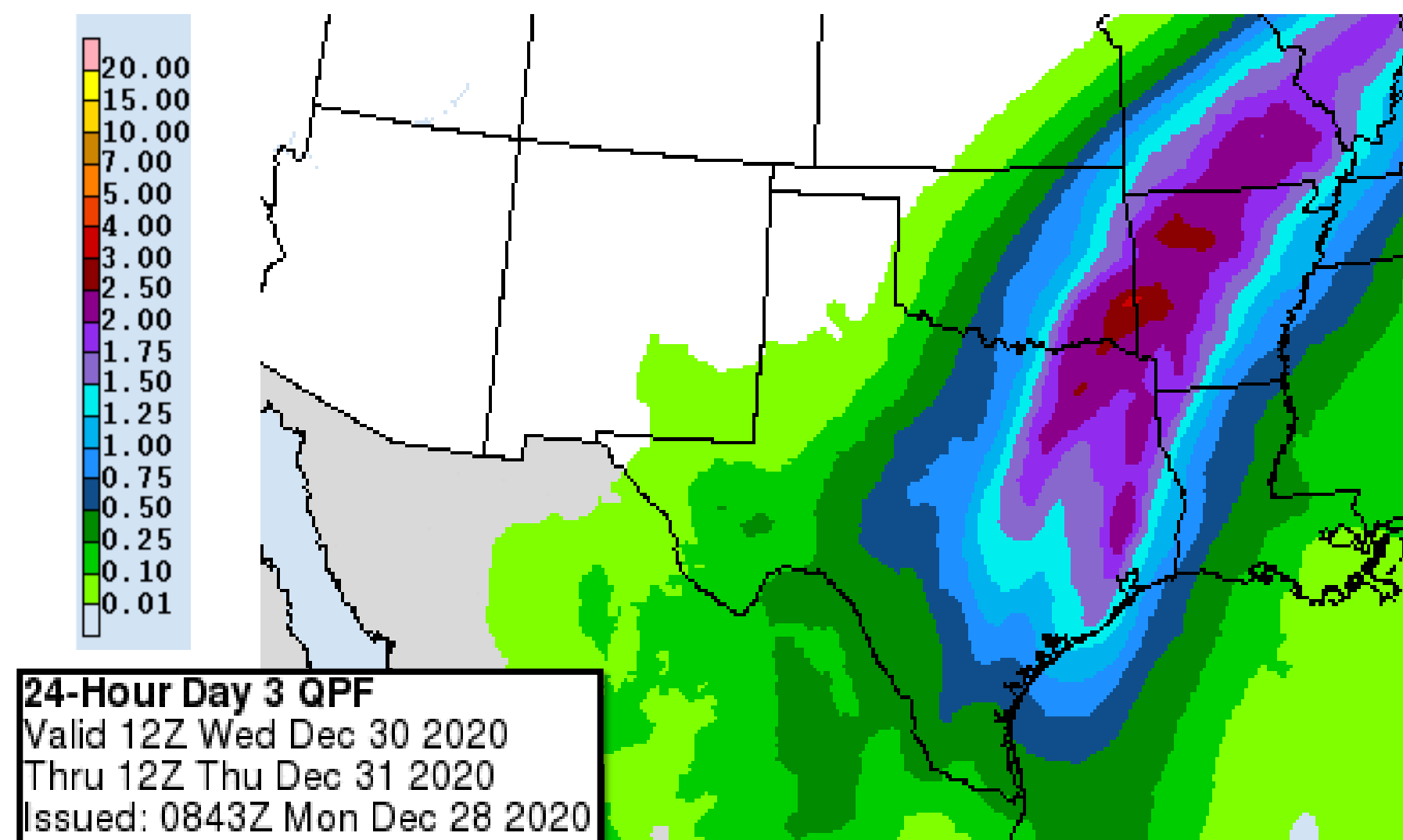


Wednesday's Weather

Forecast Chart



Forecast Rainfall

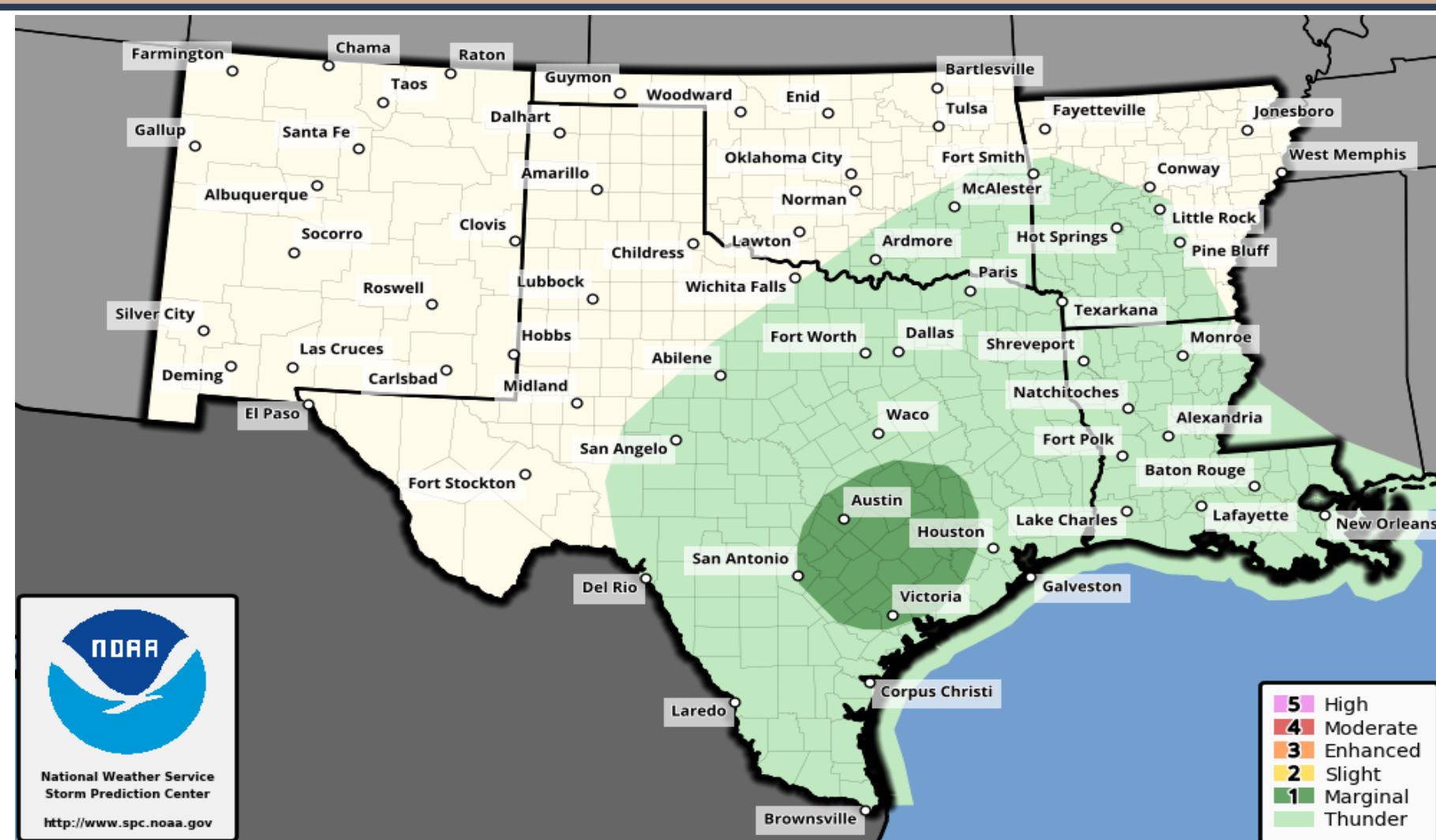


Heavy rain / flash flooding possible over AR, E TX, SE OK, and NW LA.

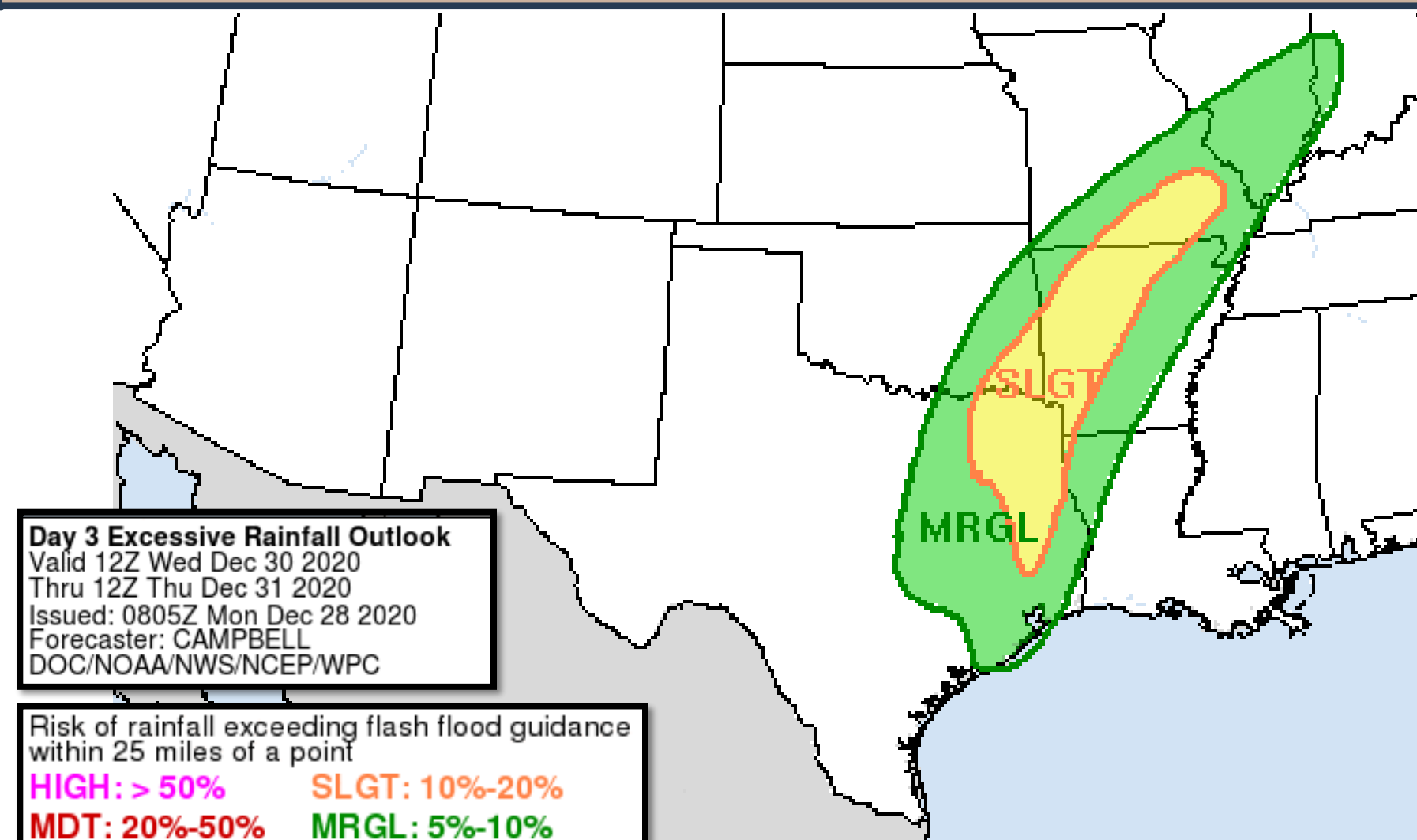
Winter weather with travel impacts possible over OK, N/Cntrl/W TX, & N AR.

Marginal risk of severe storms in S-Central TX late Wednesday afternoon; hail and a few strong wind gusts are the primary threats.

Severe Weather Outlook



Excessive Rainfall Outlook



Winter Weather

Monday - Wednesday



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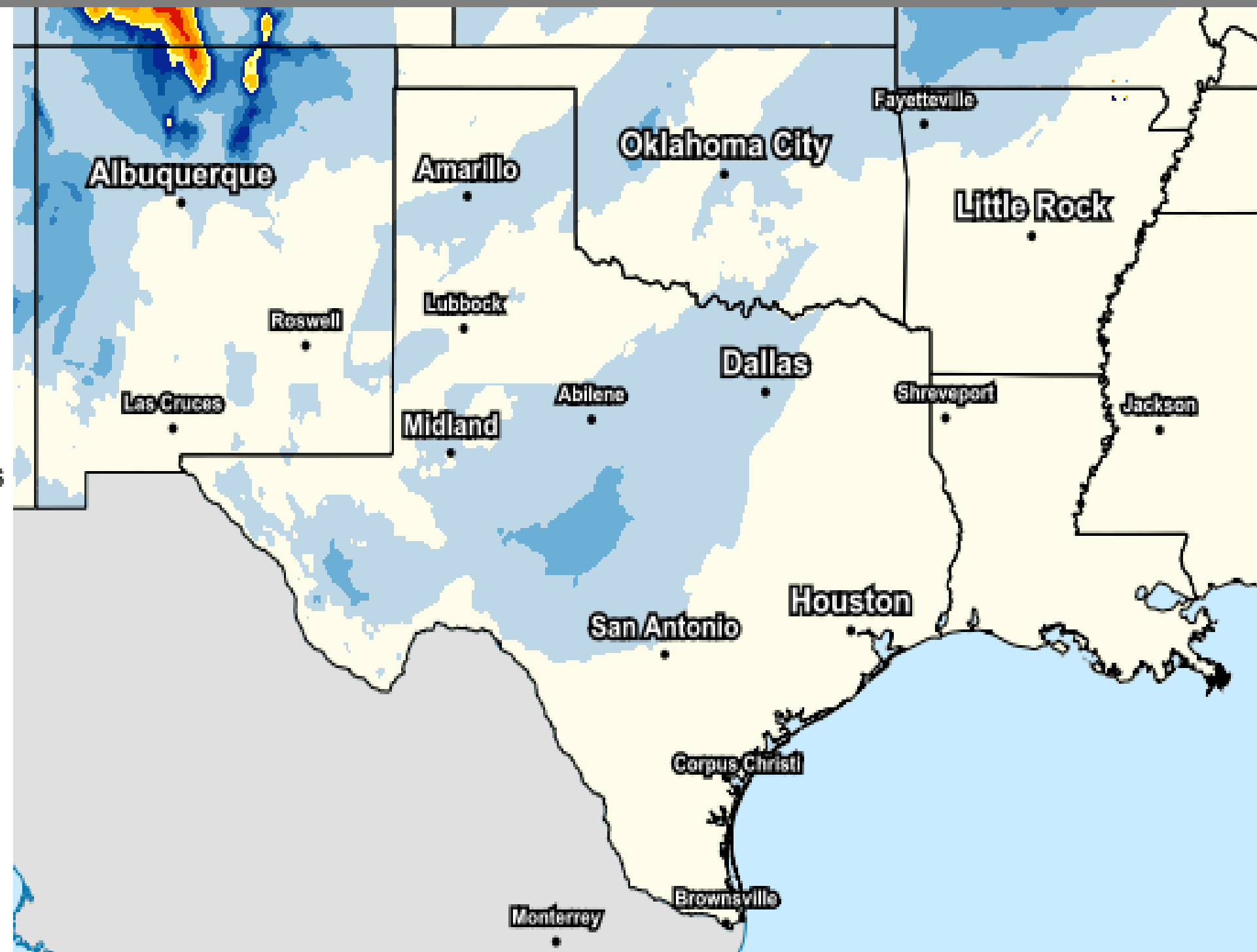
Forecast Snow Amounts



Forecast Snowfall

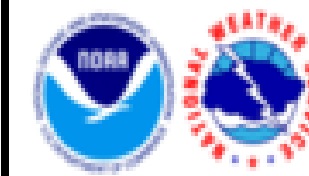
Valid Ending Thursday December 31st, 2020 at 6 AM CST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
December 28th, 2020
6:22 AM CST

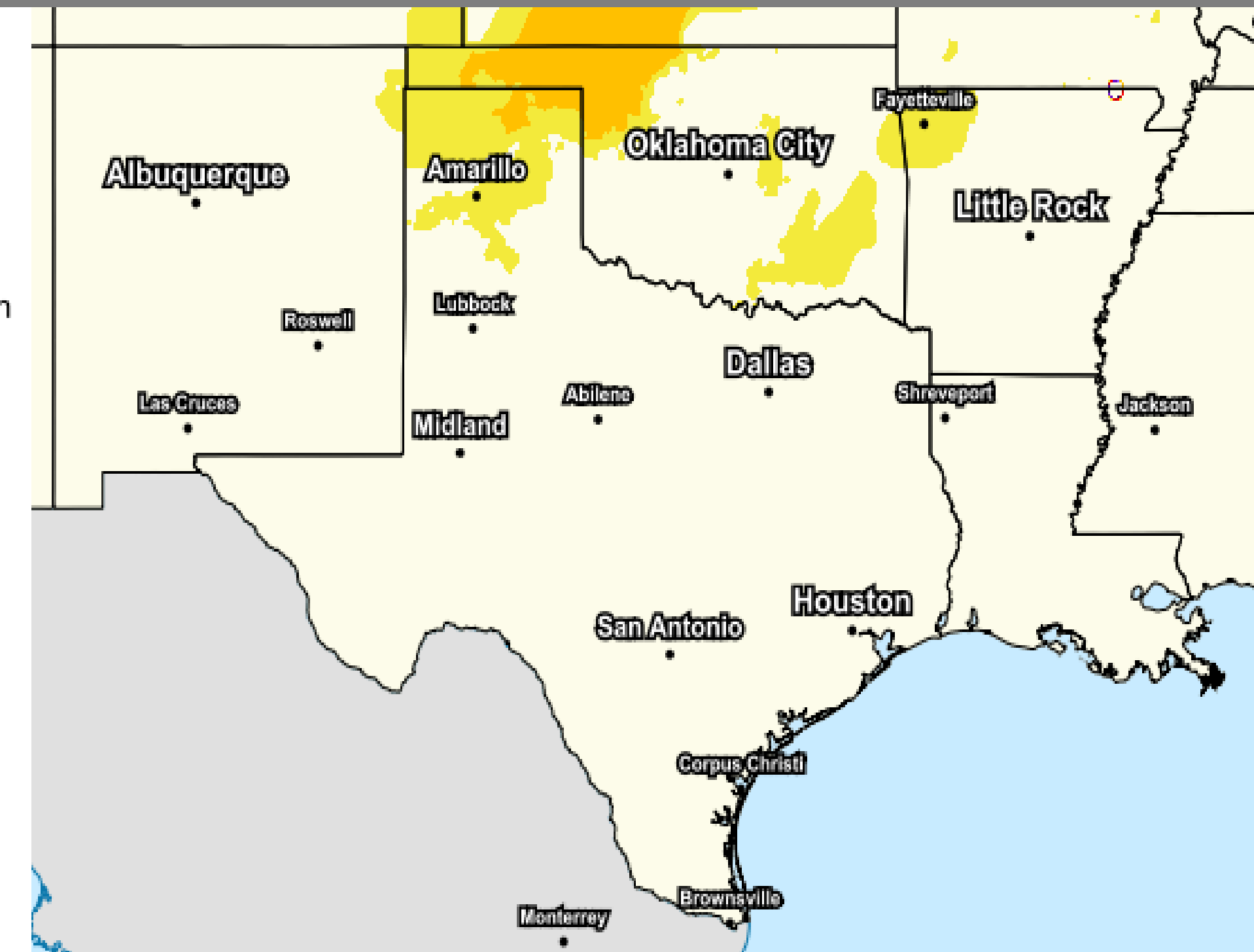
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Thursday December 31st, 2020 at 6 AM CST

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



Graphic Created
December 28th, 2020
6:23 AM CST

Days 4-5 Weather Hazards

Thursday - Friday

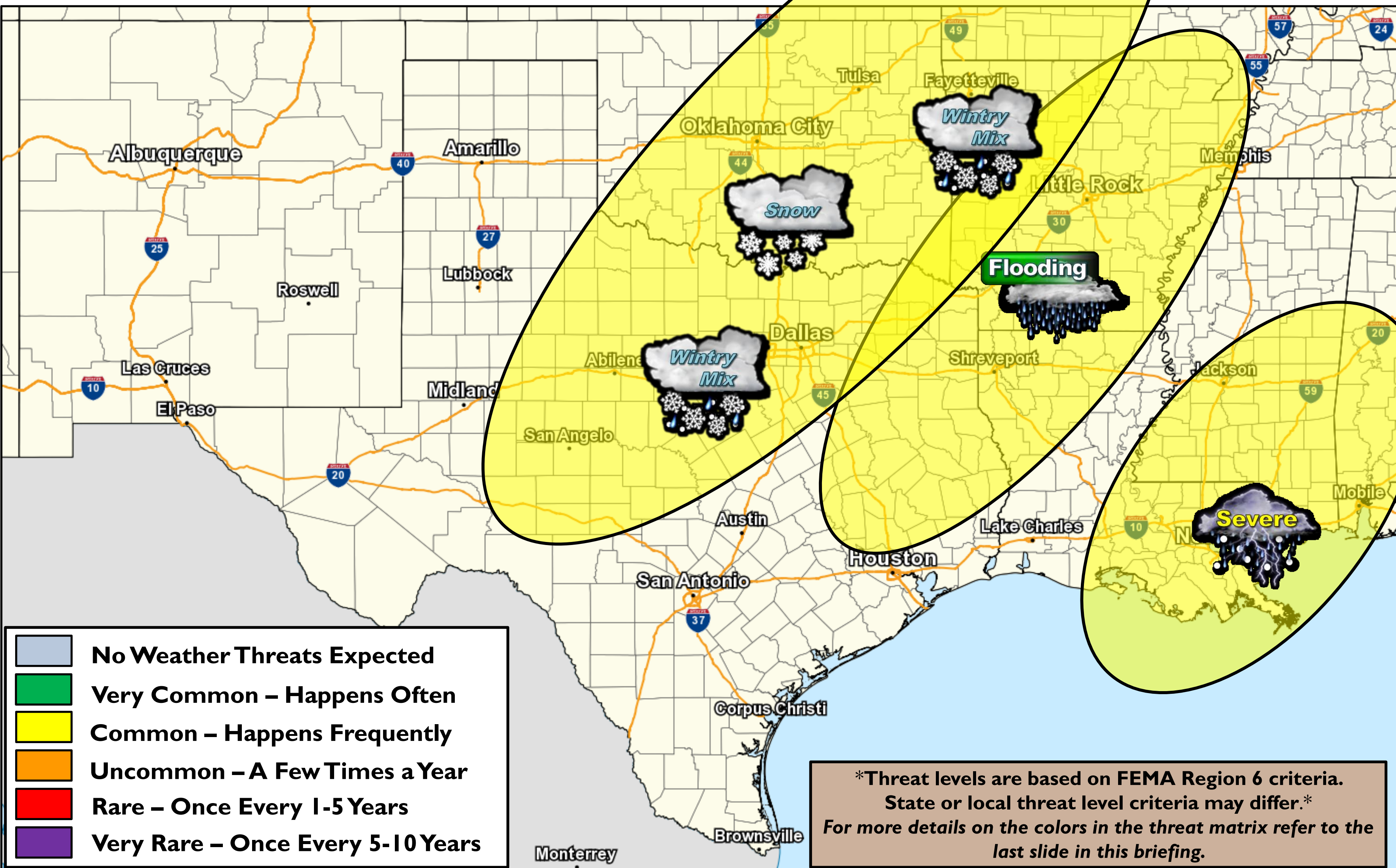


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Winter weather with travel impacts possible over OK, N/Cntrl/W TX, & N AR on Thursday.

Heavy rain / flash flooding possible over AR, E TX, SE OK, and NW LA on Thursday.

Severe storms possible over S-Central and Southeast LA on Thursday.

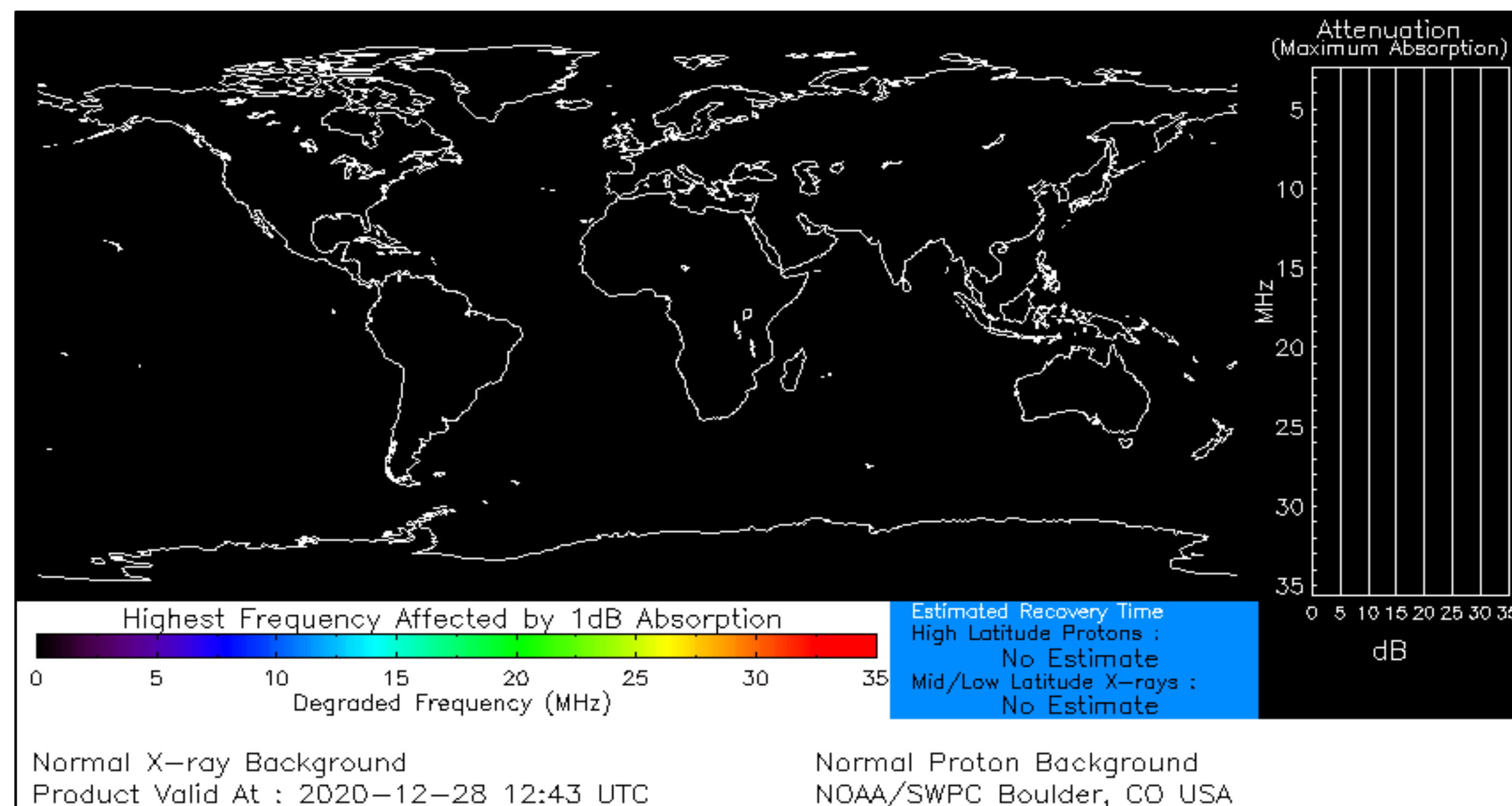


Space Weather 3-Day Forecast



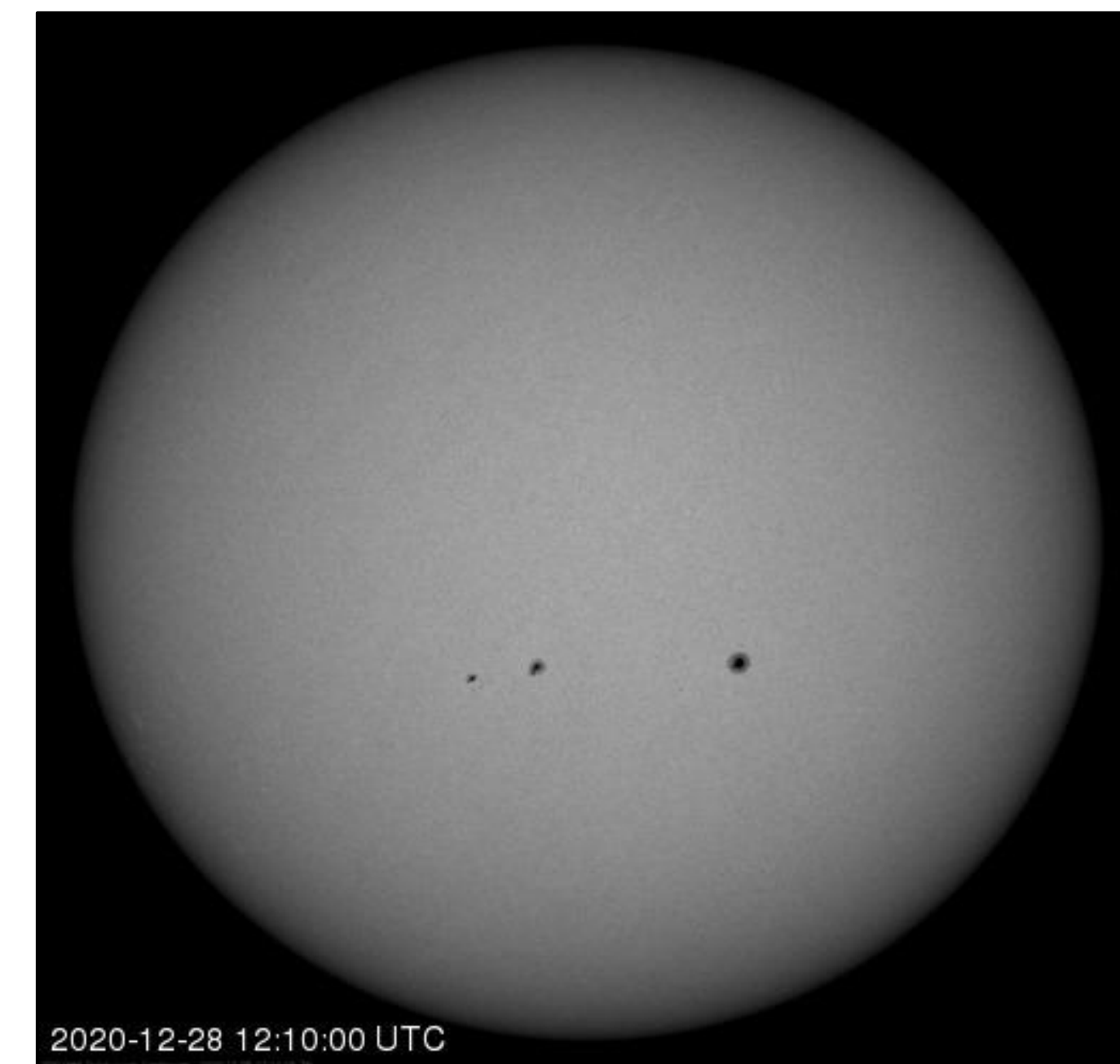
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov